

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L9    | 30   | "command line" same<br>"no parameters"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/18<br>18:05 |
| L11   | 828  | "automatically deploy"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/18<br>18:42 |
| L12   | 35   | xmi with automatic\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/18<br>18:47 |
| L13   | 11   | automatic\$4 with deploy<br>with generated   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/18<br>18:51 |
| S1    | 50   | ("20050066284"<br>"20050165826"<br>"20050203944"<br>"7130893"<br>"20040054970"<br>"20040237034"<br>"20060265478"<br>"5781739" "5027316"<br>"20040054969"<br>"6983468"<br>"20040006739"<br>"20040103370"<br>"20070036151"<br>"20040205612"<br>"4298834" "4920954"<br>"5373176" "6023731"<br>"6108695"<br>"20070030116"<br>"20070032220"<br>"20070032246"<br>"20070032250"<br>"5807724" "5319975"<br>"5440927" "5477458" | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/06/14<br>13:16 |

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|----|-----|--|---|-----|----|---------------------|
|    |     | "5899957" "4384243"<br>"5558709" "5720000"<br>"5789505" "5849207"<br>"5877977" "5999438"<br>"6315890" "6380119"<br>"5974418" "6775680"<br>"7103872"<br>"20020042849"<br>"20020056012"<br>"20030182353"<br>"20040054686"<br>"20040111464"<br>"20040162813"<br>"20040221292"<br>"20070055678"<br>"20070061457" ).pn. |   |     |    |                     |
| S2 | 10  | generate adj "web<br>interface"  | US-PGPUB;<br>USPAT; USOCR   | OR  | ON | 2007/04/27<br>13:58 |
| S3 | 40  | generat\$3 adj "web<br>interface"  | US-PGPUB;<br>USPAT; USOCR   | OR  | ON | 2007/04/27<br>13:59 |
| S4 | 598 | 715/762.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:06 |
| S5 | 591 | 717/106.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:07 |
| S6 | 99  | HO-SHYH-MEI.in. HO-<br>SHYH-MEI-F.in. HO-<br>SHYH-MEI-FANG.in.<br>TSAI-TONY.in. TSAI-<br>TONY-Y.in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>15:38 |
| S7 | 3   | ("5781739" "6591272"<br>"6601071").pn.   | USPAT; USOCR  | OR  | ON | 2007/06/14<br>13:52 |
| S8 | 107 | mfs ims mid mod  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>15:44 |
| S9 | 2   | mfs ims mid mod<br>(middleware or middle-<br>ware)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:43 |

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| S10 | 606 | generat\$4 with<br>(middleware or middle-ware)                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:45 |
| S11 | 15  | generat\$4.ti.<br>(middleware.ti. or<br>middle-ware.ti.)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:45 |
| S12 | 69  | generat\$4 with<br>(middleware or middle-ware) with web                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:47 |
| S13 | 46  | generat\$4 with<br>(middleware or middle-ware) with web same<br>database | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:55 |
| S14 | 20  | generat\$4 with (SOAP)<br>with web same database                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:56 |
| S15 | 23  | 715/762.ccls. and<br>(middleware or middle-ware or SOAP)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:06 |
| S16 | 54  | 717/106.ccls. and<br>(middleware or middle-ware or SOAP)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:07 |
| S17 | 77  | S15 or S16   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:07 |

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| S18 | 727  | import with ims   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14<br>18:12 |
| S19 | 3534 | "command line<br>interface"                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>07:34 |
| S20 | 112  | S19 and (generate with<br>web) and database                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>07:34 |
| S21 | 28   | S19 and (generate with<br>web) same database                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>07:57 |
| S22 | 1    | (S19 same mode) and<br>(generate with web)<br>same database | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>07:58 |
| S23 | 4    | (S19 same mode) and<br>(generate with web) and<br>database  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:00 |
| S24 | 68   | (S19 same mode) and<br>web and database                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:00 |
| S25 | 24   | (S19 with mode) and<br>web and database                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:02 |

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| S26 | 69   | (S19 with mode)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:02 |
| S27 | 3646 | ((("one or more" or<br>plurality or many or<br>several) with (file or<br>source)) same ((single<br>or one) with<br>(parameter))                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:34 |
| S28 | 2    | ((("one or more" or<br>plurality or many or<br>several) with (file or<br>source)) same ((single<br>or one) with (parameter)<br>with "command line") | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:35 |
| S29 | 2    | "command line<br>interface" with wildcard   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:36 |
| S30 | 18   | "command line" with<br>wildcard   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:37 |
| S31 | 4    | ("6753889"<br>"20030120730"<br>"6772206"<br>"20020133569").pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/01/05<br>16:08 |
| S32 | 3    | ("6836889" "7140002"<br>"6665861").pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/01/05<br>16:19 |
| S33 | 289  | (MFS or MFS\$1based)<br>with (IMS or IMS<br>\$1based)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05<br>16:20 |
| S34 | 8    | (MFS or MFS\$1based)<br>with (IMS or IMS<br>\$1based) and "715".clas.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05<br>16:20 |

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| S35 | 55 | (MFS or MFS\$1based) with (IMS or IMS\$1based)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2008/01/05<br>16:44 |
| S36 | 57 | (MFS or MFS\$1based or "message format service") with (IMS or IMS\$1based or "Information Management System")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2008/01/05<br>17:16 |
| S39 | 15 | (MFS or MFS\$1based or "message format service") with (IMS or IMS\$1based or "Information Management System") same (web or middleware or internet or web\$6) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2008/01/05<br>16:55 |
| S40 | 11 | (generate with ("web interface" or "HTML interface") with (database))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2008/01/05<br>17:17 |
| S41 | 1  | interface import (meta \$1data or "meta data") code (single with input)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2008/01/05<br>18:04 |
| S42 | 1  | interface import (meta \$1data or "meta data") code (single with input)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/05<br>18:05 |
| S43 | 1  | interface import code (single with input)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/05<br>18:05 |
| S44 | 17 | interface import code (one with input)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/05<br>18:05 |

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|-----|----|---|---|------|----|---------------------|
| S45 | 1  | interface (meta\$1data or "meta data") import code (one with input)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2008/01/05<br>18:05 |
| S46 | 2  | "20020099738".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/04/02<br>14:32 |
| S47 | 49 | ("20050165826"<br>"7370280"<br>"20050066284"<br>"20050203944"<br>"20050165936"<br>"5781739"<br>"20040054970"<br>"7058651" "7130893"<br>"20040237034"<br>"20060265478"<br>"20070047523"<br>"6980995"<br>"20030233373"<br>"20040019600"<br>"20040019600"<br>"20070100981"<br>"7280533"<br>"20050083904"<br>"20070223462"<br>"20080049648"<br>"20080077685"<br>"20040054969"<br>"20050041648"<br>"5761494"<br>"20060129646"<br>"20060258394"<br>"20070055678"<br>"20070183410"<br>"20070185957"<br>"20070201662"<br>"20080069085"<br>"6895534"<br>"20070282746"<br>"5442779" "5564050"<br>"6934949" "7076782"<br>"20020107902"<br>"20030163511"<br>"20070142073"<br>"20050083909"<br>"20070047530"<br>"20070047558"<br>"20070071221" | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2008/07/18<br>16:24 |

|     |    |  |                           |    |    |                     |
|-----|----|--|---------------------------|----|----|---------------------|
|     |    | "20070083524"<br>"20070086582"<br>"20070094283"<br>"20070206563"<br>"20070206613" ).pn.  |                           |    |    |                     |
| S48 | 50 | ("7370280"<br>"20050066284"<br>"20050165826"<br>"20050203944"<br>"5781739" "7130893"<br>"20040054970"<br>"20040237034"<br>"20060265478"<br>"20040054969"<br>"5027316" "6983468"<br>"20040006739"<br>"20040103370"<br>"20070036151"<br>"20040205612"<br>"20070030116"<br>"20070032220"<br>"20070032246"<br>"20070032250"<br>"5807724" "5319975"<br>"5440927" "5477458"<br>"5899957" "5974418"<br>"6775680" "7103872"<br>"7266622"<br>"20020042849"<br>"20020056012"<br>"20030182353"<br>"20040054686"<br>"20040111464"<br>"20040162813"<br>"20040221292"<br>"20070055678"<br>"20070061457"<br>"20070083524"<br>"20080040440"<br>"4298834" "4384243"<br>"4920954" "5373176"<br>"5558709" "5720000"<br>"5789505" "5849207"<br>"5877977" "5999438" ).pn. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/18<br>16:24 |



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|-----|-----|--|---------------------------|----|----|---------------------|
| S49 | 110 | ("4740783" "6128622"<br>"6212550" "6250309"<br>"6446110" "6753889"<br>"6772206" "6910216"<br>"7013306"<br>"20010014900"<br>"20020078010"<br>"20020100027"<br>"20020133569"<br>"20020161801"<br>"20020174340"<br>"20020178290"<br>"20020194227"<br>"20030007397"<br>"20030120730"<br>"20040054970"<br>"20040064466"<br>"20040103370"<br>"20040237034"<br>"20050165826"<br>"20050165936"<br>"20050203944"<br>"20060265478"<br>"6668354" "6589291"<br>"20020198974"<br>"20030204460"<br>"20020035583"<br>"20030163585"<br>"20040221292"<br>"6453343" "6259447"<br>"6510466"<br>"20030212686"<br>"5870549"<br>"20050166209"<br>"20020160745"<br>"6507857" "6799299"<br>"6728685" "6952717"<br>"5899975"<br>"20020010716"<br>"20020143820"<br>"20020083099"<br>"20020049815"<br>"6980963" "6901430"<br>"6971096"<br>"20010047311"<br>"6606642" "6889360"<br>"6907564" "6613098"<br>"20040024820"<br>"20050171970"<br>"20020059344"<br>"20040006739"<br>"20020111989"<br>"20050210414"<br>"5960200"<br>"20020116454" | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/18<br>16:44 |
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| "7069291" "7130893" |
| "20070083524"       |
| "20070094283").pn.  |

7/18/2008 7:22:07 PM

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Apparatus, system, and method for automatically generating a web interface for an mfs-  
based ims application.wsp